

SEQUENCE LISTING

<110> Sims, John

<120> FIL-1 THETA DNAs AND POLYPEPTIDES

<130> 2976-B

<140> --to be assigned--

<141> 2001-01-25

<150> US 60/195,962

<151> 2000-04-11

<150> US 60/178,389

<151> 2000-01-27

<160> 21

<170> PatentIn version 3.0

<210> 1

<211> 339

<212> DNA

<213> Homo sapien

<400> 1

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ctggaggatg tgaacattga ggaactgtac aaaggtggtg aagaggccac acgcttcacc      180
ttcttccaga gcagctcagg ctccgccttc aggcttgagg ctgctgcctg gcctggctgg      240
ttcctgtgtg gcccggcaga gcccagcag ccagtacagc tcaccaagga gaggagccc      300
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<210> 2

<211> 112

<212> PRT

<213> Homo sapiens

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20           25           30
Thr Glu Glu Gly Pro Ser Leu Gln Leu Glu Asp Val Asn Ile Glu Glu
35           40           45
Leu Tyr Lys Gly Gly Glu Glu Ala Thr Arg Phe Thr Phe Phe Gln Ser
50           55           60
Ser Ser Gly Ser Ala Phe Arg Leu Glu Ala Ala Ala Trp Pro Gly Trp
65           70           75           80

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Phe Leu Cys Gly Pro Ala Glu Pro Gln Gln Pro Val Gln Leu Thr Lys
85 90 95

Glu Ser Glu Pro Ser Ala Arg Thr Lys Phe Tyr Phe Glu Gln Ser Trp
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<222> (1)..(456)

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cag aag gct cta tac aca aga gat ggc cag ctg ctg gtg gga gat cct 96
Gln Lys Ala Leu Tyr Thr Arg Asp Gly Gln Leu Leu Val Gly Asp Pro
20 25 30
gtt gca gac aac tgc tgt gca gag aag atc tgc aca ctt cct aac aga 144
Val Ala Asp Asn Cys Cys Ala Glu Lys Ile Cys Thr Leu Pro Asn Arg
35 40 45
ggc ttg gac cgc acc aag gtc ccc att ttc ctg ggg atc cag gga ggg 192
Gly Leu Asp Arg Thr Lys Val Pro Ile Phe Leu Gly Ile Gln Gly Gly
50 55 60
agc cgc tgc ctg gca tgt gtg gag aca gaa gag ggg cct tcc cta cag 240
Ser Arg Cys Leu Ala Cys Val Glu Thr Glu Glu Gly Pro Ser Leu Gln
65 70 75 80
ctg gag gat gtg aac att gag gaa ctg tac aaa ggt ggt gaa gag gcc 288
Leu Glu Asp Val Asn Ile Glu Glu Leu Tyr Lys Gly Gly Glu Glu Ala
85 90 95
aca cgc ttc acc ttc ttc cag agc agc tca ggc tcc gcc ttc agg ctt 336
Thr Arg Phe Thr Phe Phe Gln Ser Ser Ser Gly Ser Ala Phe Arg Leu
100 105 110
gag gcc gct gcc tgg cct ggc tgg ttc ctg tgt ggc ccg gca gag ccc 384
Glu Ala Ala Ala Trp Pro Gly Trp Phe Leu Cys Gly Pro Ala Glu Pro
115 120 125
cag cag cca gta cag ctc act aag gag agt gag ccc tca gcc cgt acc 432
Gln Gln Pro Val Gln Leu Thr Lys Glu Ser Glu Pro Ser Ala Arg Thr
130 135 140
aag ttt tac ttt gaa cag agc tgg tag 459
Lys Phe Tyr Phe Glu Gln Ser Trp
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<213> Homo sapien

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Val Ala Asp Asn Cys Cys Ala Glu Lys Ile Cys Thr Leu Pro Asn Arg
35 40 45

Gly Leu Asp Arg Thr Lys Val Pro Ile Phe Leu Gly Ile Gln Gly Gly
50 55 60

Ser Arg Cys Leu Ala Cys Val Glu Thr Glu Glu Gly Pro Ser Leu Gln
65 70 75 80

Leu Glu Asp Val Asn Ile Glu Glu Leu Tyr Lys Gly Gly Glu Glu Ala
85 90 95

Thr Arg Phe Thr Phe Phe Gln Ser Ser Ser Gly Ser Ala Phe Arg Leu
100 105 110

Glu Ala Ala Ala Trp Pro Gly Trp Phe Leu Cys Gly Pro Ala Glu Pro
115 120 125

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Lys Phe Tyr Phe Glu Gln Ser Trp
145 150

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27

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18

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23

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tcttctgtct ccacacatgc

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22

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<211> 538

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<222> (29)..(487)

<400> 14

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52

tac tac ata atc aag gat gca cat caa aag gct ttg tac aca cgg aat
Tyr Tyr Ile Ile Lys Asp Ala His Gln Lys Ala Leu Tyr Thr Arg Asn
10 15 20

100

ggc cag ctc ctg ctg gga gac cct gat tca gac aat tat agt cca gag
Gly Gln Leu Leu Leu Gly Asp Pro Asp Ser Asp Asn Tyr Ser Pro Glu
25 30 35 40

148

aag gtc tgt atc ctt cct aac cga ggc cta gac cgc tcc aag gtc ccc
Lys Val Cys Ile Leu Pro Asn Arg Gly Leu Asp Arg Ser Lys Val Pro
45 50 55

196

atc ttc ctg ggg atg cag gga gga agt tgc tgc ctg gcg tgt gta aag
Ile Phe Leu Gly Met Gln Gly Gly Ser Cys Cys Leu Ala Cys Val Lys
60 65 70

244

aca aga gag gga cct ctc ctg cag ctg gag gat gtg aac atc gag gac

292

Thr	Arg	Glu	Gly	Pro	Leu	Leu	Gln	Leu	Glu	Asp	Val	Asn	Ile	Glu	Asp	
		75					80					85				
cta	tac	aag	gga	ggt	gaa	caa	acc	acc	cgt	ttc	acc	ttt	ttc	cag	aga	340
Leu	Tyr	Lys	Gly	Gly	Glu	Gln	Thr	Thr	Arg	Phe	Thr	Phe	Phe	Gln	Arg	
	90					95					100					
agc	ttg	gga	tct	gcc	ttc	agg	ctt	gag	gct	gct	gcc	tgc	cct	ggc	tgg	388
Ser	Leu	Gly	Ser	Ala	Phe	Arg	Leu	Glu	Ala	Ala	Ala	Cys	Pro	Gly	Trp	
105					110					115					120	
ttt	ctc	tgt	ggc	cca	gct	gag	ccc	cag	cag	cca	gtg	cag	ctc	acc	aaa	436
Phe	Leu	Cys	Gly	Pro	Ala	Glu	Pro	Gln	Gln	Pro	Val	Gln	Leu	Thr	Lys	
				125					130					135		
gag	agt	gaa	ccc	tcc	acc	cat	act	gaa	ttc	tac	ttt	gag	atg	agt	cgg	484
Glu	Ser	Glu	Pro	Ser	Thr	His	Thr	Glu	Phe	Tyr	Phe	Glu	Met	Ser	Arg	
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<210> 15
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<400> 15

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			20					25					30			
Asp	Ser	Asp	Asn	Tyr	Ser	Pro	Glu	Lys	Val	Cys	Ile	Leu	Pro	Asn	Arg	
		35					40					45				
Gly	Leu	Asp	Arg	Ser	Lys	Val	Pro	Ile	Phe	Leu	Gly	Met	Gln	Gly	Gly	
	50					55					60					
Ser	Cys	Cys	Leu	Ala	Cys	Val	Lys	Thr	Arg	Glu	Gly	Pro	Leu	Leu	Gln	
65					70					75					80	
Leu	Glu	Asp	Val	Asn	Ile	Glu	Asp	Leu	Tyr	Lys	Gly	Gly	Glu	Gln	Thr	
				85					90					95		
Thr	Arg	Phe	Thr	Phe	Phe	Gln	Arg	Ser	Leu	Gly	Ser	Ala	Phe	Arg	Leu	
			100					105						110		
Glu	Ala	Ala	Ala	Cys	Pro	Gly	Trp	Phe	Leu	Cys	Gly	Pro	Ala	Glu	Pro	
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Glu Phe Tyr Phe Glu Met Ser Arg
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20 25 30

Arg